

Analyte	Station ID				GKMSE32
	Sample ID				GKMSE32_083015
	Sample Date				8/30/2015
	Sample time				11:51
	Latitude				(b) (6)
	Longitude				
					Sub Location
					Red Rock ditch
Metals, Total	CAS NO	Units		EPA RBC	Lab Result
Aluminum	7429-90-5	mg/kg		3300000	14000
Antimony	7440-36-0	mg/kg		1300	0.023 J-
Arsenic	7440-38-2	mg/kg		4200	5.9
Barium	7440-39-3	mg/kg		670000	190 J
Beryllium	7440-41-7	mg/kg		6700	1.1
Cadmium	7440-43-9	mg/kg		1700	2.6
Calcium	7440-70-2	mg/kg			8100
Chromium	7440-47-3	mg/kg		4300000	16
Cobalt	7440-48-4	mg/kg		1000	11 J-
Copper	7440-50-8	mg/kg		130000	54
Iron	7439-89-6	mg/kg		2300000	20000
Lead	7439-92-1	mg/kg		20000	92
Magnesium	7439-95-4	mg/kg			7300
Manganese	7439-96-5	mg/kg		160000	470
Mercury	7439-97-6	mg/kg		1000	0.036
Molybdenum	7439-98-7	mg/kg		17000	0.45
Nickel	7440-02-0	mg/kg		67000	17
Potassium	7440-09-7	mg/kg			3500
Selenium	7782-49-2	mg/kg		17000	0.56 J
Silver	7440-22-4	mg/kg		17000	0.5
Sodium	7440-23-5	mg/kg			120 J
Thallium	7440-28-0	mg/kg		33	0.22
Vanadium	7440-62-2	mg/kg		17000	26 J
Zinc	7440-66-6	mg/kg		1000000	700

U = The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

J- = The result is an estimated quantity, but the result may be biased low.

UJ = The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise

UJB = The analyte was detected in the sample below the reporting limit and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination. The reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

UB = The analyte was detected in the sample below the Reporting Limit (RL) and in either the associated laboratory blank or field blank; the analyte result was reported as non-detected at the RL due to blank contamination.

J+ = The result is an estimated quantity, but the result may be biased high.

R = Reported value is "rejected." The sample results are rejected due to serious deficiencies in meeting QC criteria. The data are unusable. The analyte may or may not be present in the sample.

F1 = MS and/or MSD Recovery is outside acceptance limits.

HF = Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

* = The result exceeds maximum contaminant level

mg/kg - Parts per million (milligrams per kilogram). Liquids equivalent = mg/L.

Highlighted Yellow: indicates result exceeded Screening Value

Analyte	Station ID				GKMSE33
	Sample ID				GKMSE33_083015
	Sample Date				8/30/2015
	Sample time				14:25
	Latitude				(b) (6)
	Longitude				
					Sub Location
					Red Rock ditch
Metals, Total	CAS NO	Units		EPA RBC	Lab Result
Aluminum	7429-90-5	mg/kg		3300000	4800
Antimony	7440-36-0	mg/kg		1300	0.052 J-
Arsenic	7440-38-2	mg/kg		4200	2.7
Barium	7440-39-3	mg/kg		670000	280 J
Beryllium	7440-41-7	mg/kg		6700	0.53
Cadmium	7440-43-9	mg/kg		1700	2.2
Calcium	7440-70-2	mg/kg			190000
Chromium	7440-47-3	mg/kg		4300000	5.7
Cobalt	7440-48-4	mg/kg		1000	8.8 J-
Copper	7440-50-8	mg/kg		130000	31
Iron	7439-89-6	mg/kg		2300000	6500
Lead	7439-92-1	mg/kg		20000	54
Magnesium	7439-95-4	mg/kg			3000
Manganese	7439-96-5	mg/kg		160000	1800
Mercury	7439-97-6	mg/kg		1000	0.046 UB
Molybdenum	7439-98-7	mg/kg		17000	0.56
Nickel	7440-02-0	mg/kg		67000	9
Potassium	7440-09-7	mg/kg			1400
Selenium	7782-49-2	mg/kg		17000	0.7 J
Silver	7440-22-4	mg/kg		17000	0.22
Sodium	7440-23-5	mg/kg			170 J
Thallium	7440-28-0	mg/kg		33	0.22 UB
Vanadium	7440-62-2	mg/kg		17000	11 J
Zinc	7440-66-6	mg/kg		1000000	540

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Analyte	Station ID				GKMSE34
	Sample ID				GKMSE34_083015
	Sample Date				8/30/2015
	Sample time				14:50
	Latitude				(b) (6)
	Longitude				
					Sub Location
					Front yard
Metals, Total	CAS NO	Units		EPA RBC	Lab Result
Aluminum	7429-90-5	mg/kg		3300000	9100
Antimony	7440-36-0	mg/kg		1300	0.037 J-
Arsenic	7440-38-2	mg/kg		4200	4.4
Barium	7440-39-3	mg/kg		670000	170 J
Beryllium	7440-41-7	mg/kg		6700	0.81
Cadmium	7440-43-9	mg/kg		1700	1.9
Calcium	7440-70-2	mg/kg			67000
Chromium	7440-47-3	mg/kg		4300000	11
Cobalt	7440-48-4	mg/kg		1000	11 J-
Copper	7440-50-8	mg/kg		130000	42
Iron	7439-89-6	mg/kg		2300000	15000
Lead	7439-92-1	mg/kg		20000	71
Magnesium	7439-95-4	mg/kg			5400
Manganese	7439-96-5	mg/kg		160000	1300
Mercury	7439-97-6	mg/kg		1000	0.054 UB
Molybdenum	7439-98-7	mg/kg		17000	0.65
Nickel	7440-02-0	mg/kg		67000	13
Potassium	7440-09-7	mg/kg			2200
Selenium	7782-49-2	mg/kg		17000	0.45 J
Silver	7440-22-4	mg/kg		17000	0.36
Sodium	7440-23-5	mg/kg			160 U
Thallium	7440-28-0	mg/kg		33	0.27 UB
Vanadium	7440-62-2	mg/kg		17000	20 J
Zinc	7440-66-6	mg/kg		1000000	680

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